

Table 1: Criteria for Chemical Constituents
(all values in micrograms per liter unless noted otherwise)

| Parameter | | Use Designations | | | | C |
|----------------------|------------------------|------------------|-------|-------|-------|------------------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | |
| Alachlor | MCL | - | - | - | - | 2 |
| Aluminum | Chronic | 87 | 388 | 773 | 748 | - |
| | Acute | 1106 | 4539 | 9035 | 983 | - |
| Antimony | Human Health + - F & W | - | - | - | - | 14 |
| Arsenic (III) | Chronic | 200 | 200 | 1000 | 200 | - |
| | Acute | 360 | 360 | 1800 | 360 | - |
| | Human Health – Fish | 50 | 50 | - | 50 | - |
| | Human Health - F & W | - | - | - | - | .18 |
| Asbestos | Human Health - F & W | - | - | - | - | 7 ^(a) |
| Atrazine | MCL | - | - | - | - | 3 |
| Barium | Human Health + - F & W | - | - | - | - | 1000 |
| Benzene | Human Health - F & W | - | - | - | - | 12 |
| | Human Health – Fish | 712.8 | 712.8 | - | 712.8 | - |
| Benzo(a)Pyrene | Human Health - F & W | - | - | - | - | .044 |
| Beryllium | MCL | - | - | - | - | 4 |
| Cadmium | Chronic | 1 | 15 | 25 | 1 | - |
| | Acute | 4 | 75 | 100 | 4 | - |
| | Human Health + - Fish | 168 | 168 | - | 168 | - |
| | MCL | - | - | - | - | 5 |
| Carbofuran | MCL | - | - | - | - | 40 |
| Carbon Tetrachloride | Human Health - F & W | - | - | - | - | 2.5 |
| | Human Health - Fish | 44.2 | 44.2 | - | 44.2 | |
| Chlordane | Chronic | .004 | .004 | .15 | .004 | - |
| | Acute | 2.5 | 2.5 | 2.5 | 2.5 | - |
| | Human Health - Fish | .006 | .006 | - | .006 | - |
| | Human Health - F & W | - | - | - | - | .021 |

| Parameter | | Use Designations | | | | |
|-----------------------|------------------------|------------------|-------|-------|-------|-------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| Chloride | MCL | - | - | - | - | 250* |
| Chlorobenzene | Human Health + - Fish | 20 | 20 | - | 20 | - |
| | Human Health + - F & W | - | - | - | - | 680 |
| Chloropyrifos | Chronic | .041 | .041 | .041 | .041 | - |
| | Acute | .083 | .083 | .083 | .083 | - |
| Chromium (VI) | Chronic | 40 | 40 | 200 | 10 | - |
| | Acute | 60 | 60 | 300 | 15 | - |
| | Human Health + - Fish | 3365 | 3365 | - | 3365 | - |
| | MCL | - | - | - | - | 100 |
| Copper | Chronic | 20 | 35 | 55 | 10 | - |
| | Acute | 30 | 60 | 90 | 20 | - |
| | Human Health + - Fish | 1000 | 1000 | - | 1000 | - |
| | Human Health + - F & W | - | - | - | - | 1300 |
| Cyanide | Chronic | 5 | 10 | 10 | 10 | - |
| | Acute | 20 | 45 | 45 | 45 | - |
| | Human Health + - F & W | - | - | - | - | 700 |
| Dalapon | MCL | - | - | - | - | 200 |
| Dibromochloropropane | MCL | - | - | - | - | .2 |
| 4,4-DDT ++ | Chronic | .001 | .001 | .029 | .001 | - |
| | Acute | .9 | .8 | .95 | .55 | - |
| | Human Health - Fish | .0059 | .0059 | - | .0059 | - |
| | Human Health - F & W | - | - | - | - | .0059 |
| o-Dichlorobenzene | MCL | - | - | - | - | 600 |
| para-Dichlorobenzene | Human Health + - F & W | - | - | - | - | 400 |
| | Human Health + - Fish | 2.6* | 2.6* | - | 2.6* | - |
| 3,3-Dichlorobenzidine | Human Health - Fish | .2 | .2 | - | .2 | - |
| | Human Health - F & W | - | - | - | - | .4 |
| 1,2-Dichloroethane | Human Health - F & W | - | - | - | - | 3.8 |
| | Human Health - Fish | 986 | 986 | - | 986 | - |
| 1,1-Dichloroethylene | Human Health - F & W | - | - | - | - | .57 |

| Parameter | | Use Designations | | | | |
|----------------------------|------------------------|------------------|---------|-------|---------|-------------------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| | Human Health - Fish | 32 | 32 | - | 32 | - |
| cis-1,2-Dichloroethylene | MCL | - | - | - | - | 70 |
| trans-1,2-Dichloroethylene | Human Health + - F & W | - | - | - | - | 700 |
| Dichloromethane | MCL | - | - | - | - | 5 |
| 1,2-Dichloropropane | Human Health - F & W | - | - | - | - | 5.2 |
| Di(2-ethyhexyl)adipate | MCL | - | - | - | - | 400 |
| Di(2-ethyhexyl)phthalate | Human Health - F & W | - | - | - | - | 18 |
| Dieldrin | Chronic | .056 | .056 | .056 | .056 | - |
| | Acute | .24 | .24 | .24 | .24 | - |
| | Human Health - Fish | .0014 | .0014 | - | .0014 | - |
| | Human Health - F & W | - | - | - | - | .0014 |
| Dinoseb | MCL | - | - | - | - | 7 |
| 2,3,7,8-TCDD (Dioxin) | Human Health - F & W | - | - | - | - | 1.3 ⁻⁷ |
| | Human Health - Fish | .00014† | .00014† | - | .00014† | - |
| Diquat | MCL | - | - | - | - | 20 |
| 2,4,-D | Human Health + - F & W | - | - | - | - | 100 |
| Endosulfan | Chronic | .056 | .15 | .15 | .15 | - |
| | Acute | .11 | .3 | .3 | .3 | - |
| | Human Health + - Fish | 2400 | 2400 | - | 2400 | - |
| | Human Health + - F & W | - | - | - | - | 110 |
| Endothall | MCL | - | - | - | - | 100 |
| Endrin | Chronic | .05 | .036 | .036 | .036 | - |
| | Acute | .12 | .086 | .086 | .086 | - |
| | Human Health + - Fish | 8.1 | 8.1 | - | 8.1 | - |
| | Human Health + - F & W | - | - | - | - | .76 |

| Parameter | | Use Designations | | | | |
|-------------------------------------------|------------------------|------------------|-------|-------|-------|-------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| Ethylbenzene | Human Health + - F & W | - | - | - | - | 3100 |
| Ethylene dibromide | MCL | - | - | - | - | .05 |
| Fluoride | MCL | - | - | - | - | 4000 |
| Glyphosate | MCL | - | - | - | - | 700 |
| Heptachlor | Chronic | .0038 | .0038 | .01 | .0038 | - |
| | Acute | .38 | .38 | .38 | .38 | - |
| | Human Health - Fish | .002 | .002 | - | .002 | - |
| | Human Health - F & W | - | - | - | - | .0021 |
| Heptachlor epoxide | Human Health - F & W | - | - | - | - | .001 |
| Hexachlorobenzene | Human Health - F & W | - | - | - | - | .0075 |
| γ-Hexachloro- cyclohexane (Lindane) | Chronic | N/A | N/A | N/A | N/A | - |
| | Acute | .95 | .95 | .95 | .95 | - |
| | Human Health - Fish | .63 | .63 | - | .63 | - |
| | Human Health - F & W | - | - | - | - | .19 |
| Hexachlorocyclo- pentadiene | Human Health +- F & W | - | - | - | - | 240 |
| Lead | Chronic | 3 | 30 | 80 | 3 | - |
| | Acute | 80 | 200 | 750 | 80 | - |
| | MCL | - | - | - | - | 50 |
| Mercury (II) | Chronic | 3.5 | 2.1 | 3.7 | .91 | - |
| | Acute | 6.5 | 4.0 | 6.9 | 1.7 | - |
| | Human Health + - Fish | .15 | .15 | - | .15 | - |
| | Human Health + - F & W | - | - | - | - | .05 |
| Methoxychlor | Human Health + - F & W | - | - | - | - | 100 |
| Monochlorobenzene | MCL | - | - | - | - | 100 |
| Nickel | Chronic | 350 | 650 | 750 | 150 | - |
| | Acute | 3250 | 5800 | 7000 | 1400 | - |
| | Human Health + - Fish | 4584 | 4584 | - | 4584 | - |

| Parameter | | Use Designations | | | | |
|--------------------------------------------|------------------------|------------------|-------|-------|-------|-------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| | Human Health + - F & W | - | - | - | - | 610 |
| Nitrate as N | MCL | - | - | - | - | 10* |
| Nitrate + Nitrite as N | MCL | - | - | - | - | 10* |
| Nitrite as N | MCL | - | - | - | - | 1* |
| Oxamyl (Vydate) | MCL | - | - | - | - | 200 |
| Parathion | Chronic | .013 | .013 | .013 | .013 | - |
| | Acute | .065 | .065 | .065 | .065 | - |
| Pentachlorophenol (PCP) | Chronic | (d) | (d) | (d) | (d) | - |
| | Acute | (d) | (d) | (d) | (d) | - |
| | Human Health - Fish | 82 | 82 | - | 82 | - |
| | Human Health - F & W | - | - | - | - | .28 |
| Picloram | MCL | - | - | - | - | 500 |
| Polychlorinated Biphenyls (PCBs) | Chronic | .014 | .014 | 1 | .014 | - |
| | Acute | 2 | 2 | 2 | 2 | - |
| | Human Health - Fish | .0004 | .0004 | - | .0004 | - |
| | Human Health - F & W | - | - | - | - | .0017 |
| Polynuclear Aromatic Hydrocarbons (PAHs)** | Chronic | .03 | .03 | 3 | .03 | - |
| | Acute | 30 | 30 | 30 | 30 | - |
| | Human Health - Fish | .3 | .3 | - | .3 | - |
| | Human Health - F & W | - | - | - | - | .044 |
| Phenols | Chronic | 50 | 50 | 50 | 50 | - |
| | Acute | 1000 | 2500 | 2500 | 1000 | - |
| | Human Health + - Fish | 300 | 300 | - | 300 | - |
| | Human Health + - F & W | - | - | - | - | 21* |
| Selenium (VI) | Chronic | 10 | 125 | 125 | 70 | - |
| | Acute | 15 | 175 | 175 | 100 | - |
| | Human Health + - F & W | - | - | - | - | 170 |
| Silver | Chronic | N/A | N/A | N/A | N/A | - |

| Parameter | | Use Designations | | | | |
|----------------------------------------|------------------------|------------------|-------|-------|-------|-------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| | Acute | 30 | 100 | 100 | 4 | - |
| | MCL | - | - | - | - | 50 |
| 2,4,5-TP (Silvex) | MCL | - | - | - | - | 10 |
| Simazine | MCL | - | - | - | - | 4 |
| Styrene | MCL | - | - | - | - | 100 |
| Tetrachloroethylene | Human Health - F & W | - | - | - | - | 8 |
| Thallium | Human Health +- F & W | - | - | - | - | 1.7 |
| Toluene | Chronic | 50 | 50 | 150 | 50 | - |
| | Acute | 2500 | 2500 | 7500 | 2500 | - |
| | Human Health + - Fish | 300* | 300* | - | 300* | - |
| | Human Health + - F & W | - | - | - | - | 6800 |
| Total Residual Chlorine (TRC) | Chronic | 10 | 20 | 25 | 10 | - |
| | Acute | 35 | 35 | 40 | 20 | - |
| Toxaphene | Chronic | .037 | .037 | .037 | .037 | - |
| | Acute | .73 | .73 | .73 | .73 | - |
| | Human Health - Fish | .0075 | .0075 | - | .0075 | - |
| | Human Health - F & W | - | - | - | - | .0073 |
| 1,2,4-Trichlorobenzene | MCL | - | - | - | - | 70 |
| 1,1,1-Trichloroethane | MCL | - | - | - | - | 200 |
| | Human Health + - Fish | 173* | 173* | - | 173* | - |
| 1,1,2-Trichloroethane | Human Health - F & W | - | - | - | - | 6 |
| Trichloroethylene (TCE) | Chronic | 80 | 80 | 80 | 80 | - |
| | Acute | 4000 | 4000 | 4000 | 4000 | - |
| | Human Health - Fish | 807 | 807 | - | 807 | - |
| | Human Health - F & W | - | - | - | - | 27 |
| Trihalomethanes (total) ^(c) | MCL | - | - | - | - | 100 |
| Vinyl Chloride | Human Health - F & W | - | - | - | - | 20 |

| Parameter | | Use Designations | | | | |
|-----------------|------------------------|------------------|-------|-------|-------|------|
| | | B(CW) | B(WW) | B(LR) | B(LW) | C |
| | Human Health - Fish | 5250 | 5250 | - | 5250 | - |
| Xylenes (total) | MCL | - | - | - | - | 10* |
| Zinc | Chronic | 200 | 450 | 2000 | 100 | - |
| | Acute | 220 | 500 | 2200 | 110 | - |
| | Human Health + - Fish | 5000 | 5000 | - | 5000 | - |
| | Human Health + - F & W | - | - | - | - | 9100 |

* units expressed as milligrams/liter

** to include the sum of known and suspected carcinogenic PAHs

† expressed as nanograms/liter

+ Represents the noncarcinogenic human health parameters

++ The concentrations of 4,4-DDT or its metabolites; 4,4-DDE and 4,4-DDD, individually shall not exceed the human health criteria.

(a) units expressed as million fibers/liter (longer than 10 micrometers)

(c) total trihalomethanes includes the sum of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform), and trichloromethane (chloroform)

(d) Class B numerical criteria are for pentachlorophenol a function of pH using the equation:

Criterion ($\mu\text{g/l}$) = $e^{[1.005(\text{pH}) - x]}$, where $e = 2.71828$ and x varies according to the following table.

| | B(CW) | B(WW) | B(LR) | B(LW) |
|---------|-----------------|-----------------|-----------------|-----------------|
| Acute | 3.65 | 4.83 | 3.34 | 4.83 |
| | 3.869 | 4.869 | 4.869 | 4.869 |
| Chronic | 4.11 | 5.29 | 3.80 | 5.29 |
| | 4.134 | 5.134 | 5.134 | 5.134 |